



*BARRICK RESOURCES (USA), INC.*

April 10, 1992

Mr. Don A. Ostler, P.E.  
Director  
Division of Water Quality  
Utah Department of Environmental Quality  
288 North 1460 West  
Salt Lake City, UT 84114-4870

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DIVISION OF  
OIL GAS & MINING

Dear Mr. Ostler,

Subject: October 7, 1991 Diesel Fuel Release at Barrick-Mercur Facility

Attached please find the Remedial Investigation (RI) Report and the Corrective Action Plan (CAP) for the above referenced diesel fuel release. The following information is included within the reports:

- Summary of 98 samples collected from 29 drill holes, drilled within the tank farm area, and analyzed for TPH (diesel fuel specific).
- Plan maps of the tank farm sump area showing drill hole locations and a polygonal method evaluation of the influence area around each drill hole.
- Local geologic description of the tank farm area, including four cross sections developed from the drill data.
- Reiteration of the hydrology, surface, and ground water in the area of the tank farm.
- Construction specifications and drawings for a concrete sump liner to be installed within the tank farm sump, upon approval by the division.

The initial release quantity has been reduced to ten percent of its original volume, likely due to natural degradation of the diesel fuel. This degradation is caused by diesel fuel's high volatility and the natural bacterial action of the host soil. An evaluation of the natural degradation is underway and will be submitted to the division under separate cover prior to April 30, 1992.

Barrick is of the opinion that it is in the best interest of all parties for an accelerated division review and approval of the concrete sump liner, to afford protection from further contamination should an unlikely release occur.

*Barrick Mercur Gold Mine*  
P.O. Box 838, Tooele, Utah 84074 Telephone (801) 268-4447 FAX (801) 266-4296


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Additionally attached, please find the revision to the site closure plan contractual agreement with the Division of Oil, Gas, and Mining, page 58, Item 5, referencing the soil issue at the storage tank farm.

Please contact me should you have any questions concerning the enclosed report.

Your continued cooperation in this matter is greatly appreciated.

Respectfully,



David P. Beatty  
Environmental/Occupational Health Coordinator

Enclosures

cc: F. D. Wicks  
C. L. Landa  
G. M. Eurick  
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V. Rolfe (Tooele County)  
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